

产品名称: Relaxin Receptor 2 Rabbit Polyclonal Antibody
产品货号: APRab17004



产品概述 (Summary)

产品名称 (Production Name)	Relaxin Receptor 2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RXFP2 RXFP2; GPR106; GREAT; LGR8; Relaxin receptor 2; G-protein coupled receptor 106; G-protein coupled receptor affecting testicular descent; Leucine-rich repeat-containing G-protein coupled receptor 8; Relaxin family peptide receptor 2
别名 (Alternative Names)	
基因 ID (Gene ID)	122042.0
蛋白 ID (SwissProt ID)	Q8WXD0.The antiserum was produced against synthesized peptide derived from human RXFP2. AA range:113-162

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
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蛋白分子量 (Molecular Weight) 86kDa

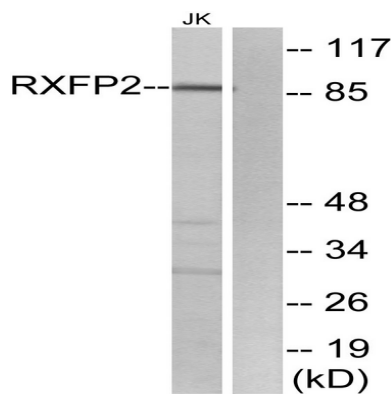
研究背景 (Background)

This gene encodes a member of the GPCR (G protein-coupled, 7-transmembrane receptor) family. Mutations in this gene are associated with cryptorchidism. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009],caution:It is uncertain whether Met-1 or Met-18 is the initiator.,disease:Defects in RXFP2 are a cause of cryptorchidism [MIM:219050]; also known as impaired testicular descent. It is one of the most frequent congenital abnormalities in humans, involving 2-5% of male births. Cryptorchidism is associated with increased risk of infertility and testicular cancer.,function:Receptor for relaxin. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. May also be a receptor for Leydig insulin-like peptide (INSL3),similarity:Belongs to the G-protein coupled receptor 1 family.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 10 LRR (leucine-rich) repeats.,tissue specificity:Expressed mainly in the brain, kidney, muscle, testis, thyroid, uterus, peripheral blood cells and bone marrow.,

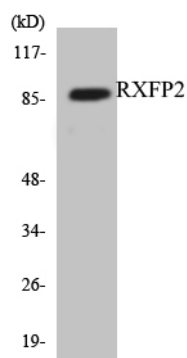
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

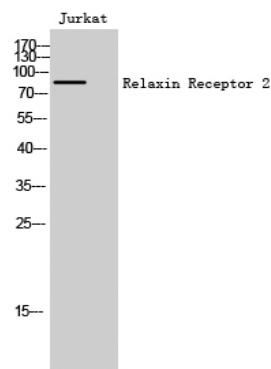
图片 (Image Data)



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Western blot analysis of the lysates from HUVEC cells using RXFP2 antibody.



Western Blot analysis of Jurkat cells using Relaxin Receptor 2 Polyclonal Antibody

注意事项 (Note)

For research use only .